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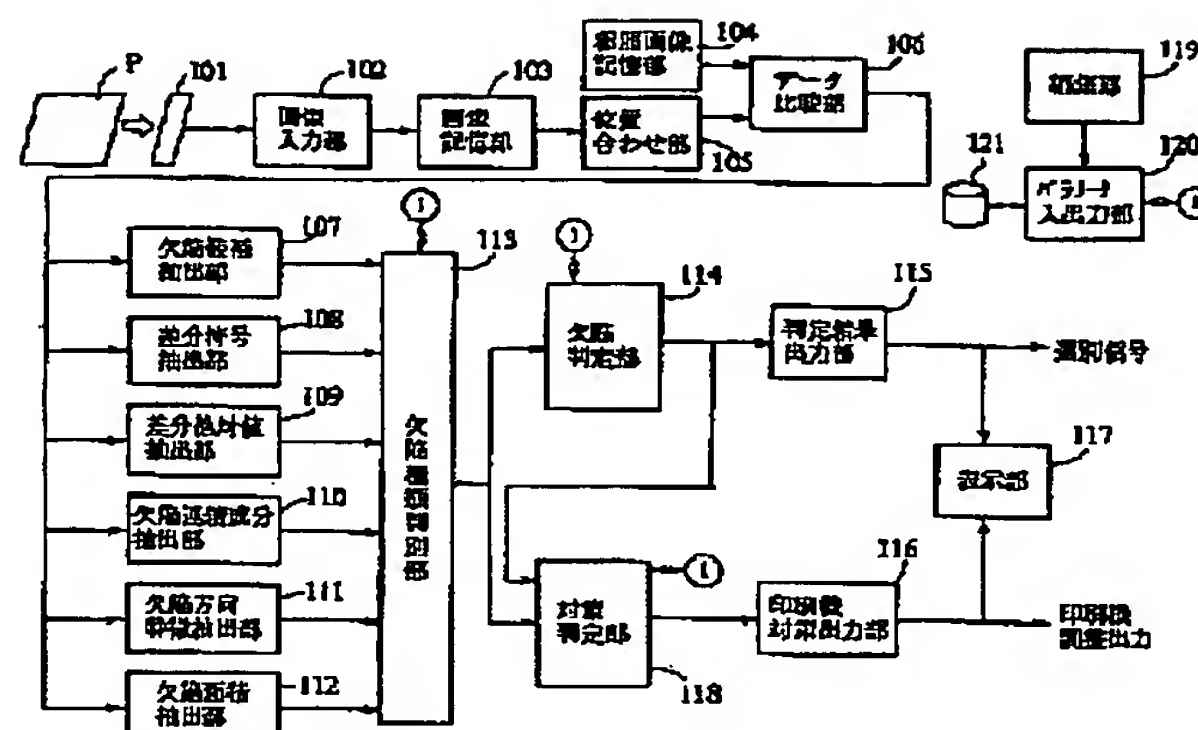
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TITLE : PRINTED MATTER INSPECTION SYSTEM



ABSTRACT : PURPOSE: To provide a printed matter inspection system in which the features of defect in a printed matter is extracted by comparing the print image of a printed matter with a standard print image, the defects are classified into easily comprehensible types of defect, and an appropriate countermeasure is outputted corresponding to the kinds of defects.

CONSTITUTION: Image data of an object P is subjected to the correction of positional shift for each sample at an aligning section 105. The image data is then compared, at a data comparing section 106, with a reference image data stored in a reference image memory section 104 thus determining the difference between respective pixel values. The differential image data operated at the comparing section 106 is then subjected to extraction of feature amount at a defect candidate extracting section 107, a differential sign extracting section 108, an absolute difference extracting section 109, a linked defect component extracting section 110, a directional feature of defect extracting section 111, and a defect area extracting section 112. A defect type deciding section 113 receives the plurality of feature amounts and estimates the type of defect based on the amount and extent of the feature amount.

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